| B. | Han o | 8 Jan S | | | | | Sheet | _1 | of <u>1</u> | | |
|---|--------------|--|-------|----------------------------------|---------------------|---------------------|---------------|-------------------------------|--------------|--|--|
| Form PTO-1444 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT | | | | ATTY DOCKET NO. 107085.01 | | | | APPLICATION NO. 10/786,033 | | | |
| (Use several sheets if necessary) | | | | APPLICANT(S) Masayuki TAKATA | | | | | | | |
| | | | | FILING DATE February 26, 2004 | | | GROUP 2861 | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER |] | DATE | | NAME | | CLASS | SUB CLASS | | |
| | | | | | | | | | | | |
| | | · | | | | | | | _ | | |
| | | - | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | <u></u> | | _ | | | | |
| | <u> </u> | | _ | | | | | | | | |
| | | | | | | | | | | | |
| | <u> </u> | | | | <u> </u> | | | | | | |
| | | FOREIC | N PA | ATENT DO | CUMENTS | | | | | | |
| | | DOCUMENT NUMBER | | DATE | | COUNTRY | | CLASS | SUB CLASS | | |
| W | 1 | EP 0 695 638 A2 | 02/ | 07/1996 | EUROPE | | | | | | |
| 'AV | 2 | JP-A-5-24190 (w/Abst & trans) | 2/2/ | 1993 | JAPAN | | | | | | |
| PV | 3 | JP-A-8-58086 (w/Abst & trans) | 3/5/ | 1996 | JAPAN | | | | | | |
| | | | | | | | | | | | |
| | l | OTHER DOCUMENTS (Inc | ludir | g Author. | l Fitle Date Per | tinent Pages, etc.) | | <u> </u> | | | |
| | | | | | ,, - 0. | | · | | | | |
| | E | | | | | | | | | | |
| | | | | | | | | | | | |
| | | . / | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | - | | |
| EXAMINER | | AnhNo | | | | DATE C | ONSID | ered) | | | |
| | | citation considered, whether or not ci ance and not considered. Include copy of | | | | | line th | rough citati | on if not in | | |

Date: November 8, 2004

| | | _ | _ |
|-------|---|----|---|
| Sheet | 1 | of | 1 |

| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | : | ATTY DOCKET NO. 107085.01 | | | APPLICATION NO. 10/786,033 | | | |
|-----------------------------------|----------|--|------------|----------------------------------|---------------------------------|-------------|-------------------------------|-------------|--------------|--|
| INFO | RMATI | ON DISCLOSURE STATEMENT | | | | | | | | |
| (Use several sheets if necessary) | | | | APPLICA Masayuk | NT(S) i TAKATA | J | | | | |
| | | PATENT STATE OF THE STATE OF TH | | FILING DATE February 26, 2004 | | | GROUP 2861 | | | |
| | | MARK OFFICE U.S. | PAT | ENT DOCL | MENTS | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | DATE | NAME | | | CLASS | SUB CLASS | |
| 190/ | 1 | 5,774,145 | 06/30/1998 | | MORITA ET AL. | | | | | |
| PV | 2 | 5,748,214 | 05/ | 05/1998 | USUI ET AL. | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | _ | |
| | | | | | | | | | | |
| | | | / | | | | | | | |
| | | | | | | | | | | |
| | , | FOREIG | N P | ATENT DO | CUMENTS | | | | | |
| | | DOCUMENT NUMBER | , | DATE | COUNTRY | | | CLASS | SUB CLASS | |
| m | 3 | JP-A-7-117232 (w/Abstr & trans) | 5/9/1995 | | JAPAN | | | | | |
| | 4 | JP-A-8-295033 (w/Abstr & trans) | 11/ | 12/1996 | JAPAN | | | | | |
| | 5 | JP-A-6-312513 (w/Abstr & trans) | 11/ | 8/1994 | JAPAN | | | | | |
| | 6 | JP-A-6-255101 (w/Abstr & trans) | 09/ | 13/1994 | JAPAN | | | | | |
| 1/1 | 7 | JP-A-8-72259 (w/Abstr & trans) | 03/ | 19/1996 | JAPAN | | | | | |
| m/ | 8 | JP-A-8-174820 (w/Abstr & trans) | 07/ | 09/1996 | JAPAN | | | | | |
| | | OTHER DOCUMENTS (Inc | ludir | g Author, | Title, Date, Pertinent Pages, e | tc.) | | | | |
| | | | | <u>~</u> | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | <u>L</u> | | | | | | | | | |
| | | | | | | | | | | |
| ' | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| EXAMINER | • | Anhlo | | | r | ATE CO | NSIDE | RED) | | |
| | | citation considered, whether or not ci | | | | | ine thr | ough citati | on if not in | |

Date: August 11, 2004

Sheet 1 of 1

| | | Wr news | $\neg \tau$ | | | | | | | |
|---|--------------|---|-------------|--------------------|---------------------------------|---------------------------------------|---------------|--------------|--|--|
| Form PTO-1449 (REV. 8-83) PATENT & TRADEMARK OFFICE | | | | 107085.0 | OCKET NO. I | PPLICATION NO. 0/786,033 | | | | |
| INFORMATION DISCLOSURE STATEMENT | | | | | | | | | | |
| | (Use | several sheets if necessary) | ┝ | | | | | | | |
| (Ose Several sneets II necessary) | | | | APPLICA Masayuk | NT(S) i TAKATA | | | | | |
| | | | | FILING I | OUP O / | ـــــــــــــــــــــــــــــــــــــ | | | | |
| | | | | February 26, 2004 | | | | | | |
| | 1 | U.S. I | PATE | NT DOCUMENTS | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | D | ATE | NAM | E | CLASS | SUB CLASS | | |
| | | | | | | | <u> </u> | | | |
| | ļ | | | | | | ļ | | | |
| · | ļ | | | | | | | | | |
| | ļ | | _ | | | | | | | |
| | ļ | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | ` | | | | |
| · | | FOREIG | N PA | TENT DO | CUMENTS | | | | | |
| | | DOCUMENT NUMBER | D | ATE | COUNT | 'RY | CLASS | SUB CLASS | | |
| m/ | <u> </u> | JP-A-5-169654 | | 0/1993 | JAPAN | | | | | |
| n/ | 2 | JP-A-5-24190 | | 2/1993 | JAPAN | | 1 | | | |
| /[v | | | - | | | | | | | |
| | | | | | | | | • | | |
| | 1 | | | | | | | | | |
| | J | OTHER DOCUMENTS (Incl | luding | Author, | L Fitle, Date, Pertinent Pag | es, etc.) | | | | |
| | | | | | _ | · | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| EXAMINER | | AnhNo | • | | | DATE CONSID | ERED | | | |
| Examiner: In | nitial if | f citation considered, whether or not citation and not considered. Include copy of | ation i | is in conf | formance with M.P.E.P. | 609; draw line the | hrough citati | on if not in | | |
| <u>-</u> | ~ | alored to the second of t | 1 | WILLI | communication to a | pp.1041111 | · | | | |

Date: August 26, 2004

| Form PTO-1449 (REV. 8-83) | US Dept. of Commerc PATENT & TRADEMARK OFFICE | e E | ATTY DO | 55.01 Rule 53(| | | JICATION NO. 53(b) Divisional cation of U. S. Patent | | |
|-----------------------------------|---|---------|------------------------------------|-------------------------------------|------------|--------------|--|--|--|
| INFORMATION DISCLOSURE STATEMENT | | | | | | | cation No. 09/640,863 | | |
| (Use several sheets if necessary) | | | APPLICANT(S) Masayuki TAKATA | | | | | | |
| | | | FILING DATE G February 26, 2004 | | | GROUP 2861 | | | |
| | U.S. | PATE | NT DOCU | IMENTS | | | · · · · · · · · · · · · · · · · · · · | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | 1 | DATE | NAME | IAME | | SUB CLASS | | |
| AV/ | 6,270,205 | 08/2001 | | TAKATA | | | 85 | | |
| | 5,808,643 | 09/1998 | | TRACY ET AL. | L. | | 92 | | |
| | · | | | | | j | | | |
| | | | | | | | | | |
| | | | | , | | | | | |
| | | | | | | | ., . | | |
| | | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
| | DOCUMENT NUMBER | | DATE | COUNTRY | | CLASS | SUB CLASS | | |
| AV. | 10-264376 (w/ Abstract) | 10/1 | 998 | JAPAN | | | | | |
| AV / | 10-272769 (w/ Abstract) | 10/1 | 998 | JAPAN | | | | | |
| m, | 10-272770 (w/ Abstract) | 10/1 | 998 | JAPAN | | | | | |
| " AV | 867 290 | 09/1 | 998 | EUROPE | | | | | |
| • | | | | | | | | | |
| | OTHER DOCUMENTS (Inc | ludin | g Author, | Title, Date, Pertinent Pages, etc.) | | | | | |
| | | | | | • | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| ÉXAMINER | Anlylo | | | DATE | CONSTR | ERED | | | |
| Examiner: Initial if | f citation considered, whether or not citation considered. Include copy o | ation | is in cont | formance with M.P.E.P. 609; dr | aw line th | rough citati | on if not in | | |

Date: February 26, 2004